

### Abstract of the Disclosure

An electromagnetic shielding structure is provided for a microprocessor or other electronic device that emits electromagnetic radiation. The structure includes a heat sink  
5 with an integrally formed depending skirt, and a conductive, compressible polymer is applied to a bottom surface of the skirt. The bottom surface mounts against a socket carried on a circuit board and is electrically coupled to a ground plane of the circuit board. The socket substantially surrounds the microprocessor in at least two dimensions (e.g. length and width). A shielding structure is formed at least partly by the heat sink,  
10 the socket and the ground plane.